

Amendment to the Title

Please amend the title to read "Network Loop Monitor"

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (original) A network comprising a loop having therein a plurality of loop network monitors, each loop network monitor having an RS-485 port connected to a host which transmits and receives data, and two further RS-485 ports by way of which the monitors are connected into the loop.
2. (original) A network as claimed in claim 1, and including router logic under the control of a microprocessor for controlling the transmission of data through the monitor.
3. (currently amended) A network as claimed in claim 1 ~~or 2~~, wherein the first mentioned RS485 port comprises termination jumpers which can be set in dependance on the nature of the host, an RS-485 transceiver and means for isolating the host from the router logic.
4. (currently amended) A network as claimed in claim 1, ~~2 or 3~~, wherein each of said further ports comprises a termination, an RS-485 transceiver, and means for isolating the router logic from the loop.
5. (currently amended) A network as claimed in claim 3 ~~or 4~~, wherein each of said means for isolating comprises an opto coupler.

6. (original) A network loop monitor comprising an RS-485 port for connection to a host which transmits and receives data, and two further RS-485 ports for connecting the monitor into the loop.
7. (original) A network loop monitor as claimed in claim 6, wherein the first mentioned RS-485 port comprises termination jumpers which can be set in dependance on the nature of the host, an RS-485 transceiver and means for isolating the host from the router logic.
8. (currently amended) A network loop monitor as claimed in claim 6 ~~or~~ 7, wherein each of said further ports comprises a termination, an RS-485 transceiver, and means for isolating the router logic from the loop.
9. (currently amended) A network loop monitor as claimed in claim 6, ~~7-8~~ 8, wherein each of said means for isolating comprises an opto coupler.